

Title (en)

GEOMETRIC TRANSFORMS FOR FILTERS FOR VIDEO CODING

Title (de)

GEOMETRISCHE TRANSFORMATIONEN FÜR FILTER ZUR VIDEOKODIERUNG

Title (fr)

TRANSFORMATIONS GÉOMÉTRIQUES POUR DES FILTRES POUR UN CODAGE VIDÉO

Publication

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Application

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Abstract (en)

[origin: US2017237981A1] An example device for filtering a decoded block of video data includes one or more processing units configured to construct a plurality of filters for classes of blocks of a current picture of video data. To construct the plurality of filters for each of the classes, the processing units are configured to determine a value of a flag that indicates whether a fixed filter is used to predict a set of filter coefficients of the class, and in response to the fixed filter being used to predict the set of filter coefficients, determine an index value into a set of fixed filters and predict the set of filter coefficients of the class using a fixed filter of the set of fixed filters identified by the index value.

IPC 8 full level

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CPC (source: CN EP KR US)

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US 201715432848 A 20170214; BR 112018016560 A 20170215; BR 112018016561 A 20170215; BR 112018016598 A 20170215; CA 3011867 A 20170215; CA 3012051 A 20170215; CA 3012590 A 20170215; CN 201780010790 A 20170215; CN 201780010794 A 20170215; CN 201780010918 A 20170215; CN 202111105421 A 20170215; EP 17708062 A 20170215; EP 17708064 A 20170215; EP 17708066 A 20170215; ES 17708062 T 20170215; ES 17708064 T 20170215; ES 17708066 T 20170215; HU E17708062 A 20170215; HU E17708064 A 20170215; HU E17708066 A 20170215; JP 2018542776 A 20170215; JP 2018542780 A 20170215; JP 2018542781 A 20170215; JP 2022020409 A 20220214; KR 20187023065 A 20170215; KR 20187023067 A 20170215; KR 20187023068 A 20170215; TW 106104956 A 20170215; TW 106104958 A 20170215; TW 106104968 A 20170215; US 2017017958 W 20170215; US 2017017964 W 20170215; US 2017017972 W 20170215; US 201715432839 A 20170214; US 201715432857 A 20170214; US 202217810969 A 20220706